

Converting Colors

CIELCh(41, 18.379, 70.517)

Have a look what the booklet for
CIELCh(41, 18.379, 70.517) contains.

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Color

CIELCh(41, 18.098, 69.522)

Conversions

Conversions Part 1

Format	Color
Hex	745C45
RGB	116, 92, 69
RGB Percent	45%, 36%, 27%
CMY	0.5440, 0.6382, 0.7284
CMYK	0.00, 0.21, 0.40, 0.54
HSL	29°, 25%, 36%
HSV	29°, 40%, 46%
XYZ	12.1714, 11.8645, 7.3196
YIQ	96.5540, 21.6870, -2.0650

Conversions

Conversions Part 2

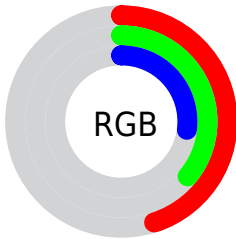
Format	Color
R_{YB}	116, 114, 69
Decimal	7625797
CIE _{Lab}	41.00, 6.33, 16.95
CIE _{LCh}	41, 18.098, 69.522
Y _{xy}	11.8645, 0.3882, 0.3784
Android (android.graphics.Color)	4285815877 (0xFF745C45)
YUV	96.5540, -13.5841, 17.0541
Hunter-Lab	34.4449, 2.7957, 11.5123

Details

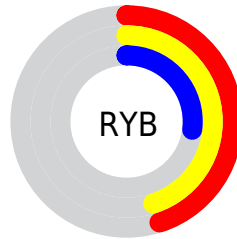
The CIELCh color **41, 18.098, 69.522** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 16.101, 260.758**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 18.256, 69.636**, and **21, 18.157, 69.747** is the 20% darker color. If you saturate the color by 10%, you get **39, 23.094, 68.344**, and if you desaturate by 10%, it is **43, 13.307, 70.704**.

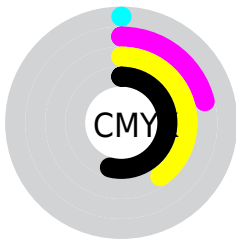
Distribution



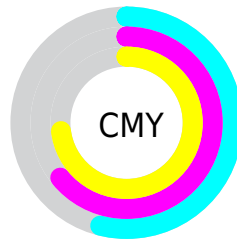
- Red (45%)
- Green (36%)
- Blue (27%)



- Red (45%)
- Yellow (45%)
- Blue (27%)



- Cyan (0%)
- Magenta (21%)
- Yellow (40%)
- Black (54%)





















- Cyan (54%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 18.098, 69.522 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 41, 18.098, 69.522 by changing the saturation by 10% instead.

 41, 18.098, 69.522	 41, 18.098, 69.522
 100, 18.098, 69.522	 31, 18.098, 69.522
 61, 18.098, 69.522	 21, 18.098, 69.522
 71, 18.098, 69.522	 11, 18.098, 69.522
 81, 18.098, 69.522	 1, 18.098, 69.522
 91, 18.098, 69.522	 0, 18.098, 69.522

 41, 18.098, 69.522	 41, 18.098, 69.522
 39, 23.094, 68.344	 43, 13.307, 70.704
 37, 28.255, 67.143	 45, 8.728, 71.869

■ 36, 33.487, 65.890

■ 47, 4.356, 73.004

■ 34, 38.584, 64.502

■ 49, 0.177, 72.775

■ 32, 43.166, 62.805

■ 51, 3.828, 255.394

■ 31, 47.453, 61.338

■ 53, 7.674, 256.452

■ 55, 11.380,
257.497

■ 57, 14.961,
258.510

■ 59, 18.430,
259.485

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41, 18.098, 69.522



39, 16.101, 260.758

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41, 18.098, 69.522



41, 18.098, 119.522



41, 18.098, 249.522



41, 18.098, 299.522

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41, 18.098, 69.528



59, 6.208, 72.798



36, 24.581, 346.473



31, 4.159, 72.691



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41, 18.098, 69.528



50, 27.691, 68.370



48, 26.674, 105.748



24, 2.357, 73.157



33, 49.363, 61.170



65, 84.679, 58.958

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39, 16.101, 260.758



47, 23.872, 263.100



32, 29.348, 294.664



23, 2.308, 255.424



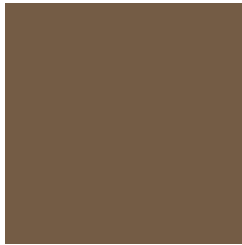
26, 39.673, 281.219



54, 70.913, 283.924

Previews

White Background



This preview shows how the CIELCh color 41, 18.098, 69.522 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 41, 18.098, 69.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 18.098, 69.522

Background



This preview shows how black text looks on a background with the CIELCh color 41, 18.098, 69.522.

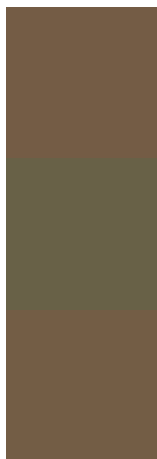


This preview shows how white text looks on a background with the CIELCh color 41, 18.098, 69.522.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41, 18.098, 69.522

Protanopia

41, 15.957, 96.146

Deuteranopia

41, 17.958, 72.884



Tritanopia
41, 13.537, 3.286

Trichromacy



Original Color
41, 18.098, 69.522

Protanomaly
41, 16.283, 86.107

Deuteranomaly
41, 17.958, 72.884

Tritanomaly
41, 12.764, 31.839

Monochromacy



Original Color
41, 18.098, 69.522

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 6.240, 70.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 18.098, 69.522 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(116, 92, 69)` looks like.

```
.text, #text, p{  
    color:rgb(116, 92, 69)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(116, 92, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 92, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 18.098, 69.522 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 92, 69) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(116, 92, 69) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(116, 92, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 92, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 92, 69);  
box-shadow:4px 4px 4px 4px rgb(116, 92,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 18.098, 69.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 92, 69) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(116, 92,  
69) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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